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LEDWP-900-PM

120W Slip Fit Pole Mount LED Light Fixture - 12534 Lumens - 400W Metal Halide Equivalent

Product ID: 105044

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

LEDWP-900-PM Pole Mount Light

Lamp Type: LED
Light Head Dimensions: 13.375"W x 15"H x 3.375"D
Weight: 15 lbs
Total Watts: 120
Voltage: 120-277V AC @ 50/60 Hz
Lumens: 12,534
Lumens-per-Watt: 105
LED Light Color: White
Correlated Color Temperature: 5,000
Color Rendering Index: 80
LED Life Expectancy: 50,000+ hours
Ambient Operating Temp Range: -40°C to +50°C
Housing Material: Die Cast Aluminum Housing and Front Frame
Hardware Material: Nickel-Plated Stainless Steel
Lens Material: Tempered Clear Flat Glass
Mount: Pole Mount Slip Fitter
Housing Color: Black
Wiring: Flying Leads
Wiring Hub: 3/4" NPT

Ratings/Approvals

Waterproof/Vapor Proof
IP67 Waterproof
Suitable Replacement for HID, MH or HPS
CE Approved

Special Orders - Special Requirements

Contact us for special requirements

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The LEDWP-900-PM LED Pole Mount Slip Fitter Light offers high light output from a compact form factor and is designed to provide a more durable and long lived alternative to halogen and metal halide pole mount

units. This 120 watt LED light produces illumination comparable to a 400 watt metal halide unit without the high heat, fragile construction, or high energy costs of incandescent lighting. This 120-watt LED light operates on 120-277V AC, providing versatile power connection options and the ability to run the unit with commonly encountered 120-220V AC voltages.
The LEDWP-900-PM LED pole mount slip fitter light from Larson Electronics produces a long flood beam of light while drawing only 1 amp at 120V AC. This 120-watt unit is capable of emitting 12,534 lumens (105 lumens-per-watt) with 5,000 CCT and 80 CRI. Operating at 120-277V AC, the LED luminary is a suitable replacement for metal halide and HPS lamps. This light is IP67 waterproof, making it ideal for outdoor and wet applications. The housing on the LEDWP-900-PM is constructed of die cast aluminum, while the lens is made out of tempered clear flat glass. Hardware materials of this unit is composed of nickel-plated stainless steel. This LED pole mount slip fitter is designed to withstand demanding conditions and is waterproof, vapor proof, and built to resist the damaging effects of an outdoor environment.
Mounting hardware for the LEDWP-900-PM consists of a stainless steel coated trunnion bracket, aluminum slip fitter, and stainless steel screws to provide secure mounting and resistance to rust and corrosion. Please choose slip fit pipe size below, and this unit will be designed to slip over the selected OD. The mounting assembly provides for 360/180 degrees of rotation and tilt to allow the user to position the unit as desired once mounted. This unit is designed to operate with voltages ranging from 120V AC to 277V AC 50/60 Hz, providing versatile power connection options and the ability to run the unit with commonly encountered 120-220 VAC voltages. The LEDWP-900-PM provides an efficient and highly durable alternative to standard metal halide and halogen pole mount slip fitter lights that produces a longer reaching beam while using only a fraction the power.



Dark warehouse, illuminated by 100W incandescent bulb.
Click Photo to Enlarge

Same warehouse being illuminated by the LEDWP-900-PM.
Click Photo to Enlarge

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.With the LEDWP-900-PM there is no warm up period, the light can be cycled on and off without any reduction in lamp life, there is no glass or filament to shatter or break, and the solid state LED

design provides 50,000 hours of operation. The LEDWP-900-PM is ideal for pole mount slip fitter lighting, pole mount slip fitter down lighting, upwards lighting, monuments, marinas, docks, warehouses, billboards, parking lots, and security systems just to name a few examples.This fixture also features 5 peel off mylar overspray lamp protectors that ship with the unit. The protectors provide lamp protection from dirt or debris and can be removed, cleaned and replaced, lessening the need for tedious lamp cleaning or replacements.At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)









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LEDWP-900-PM

Product ID: 105044

Warranty: 36 Months

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:

LEDWP-900-PM-Pole OD

Example: LEDWP-900-PM-2in

Pole OD	
2	-2in
2 1/4	-2.25in
2 3/8	-2.375in
2 1/2	-2.5in
2 3/4	-2.75in
3	-3in

Links (Click on the below items to view):

- **IES (Photometric File)**
- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**